20040510.1357.001

FIG. 1

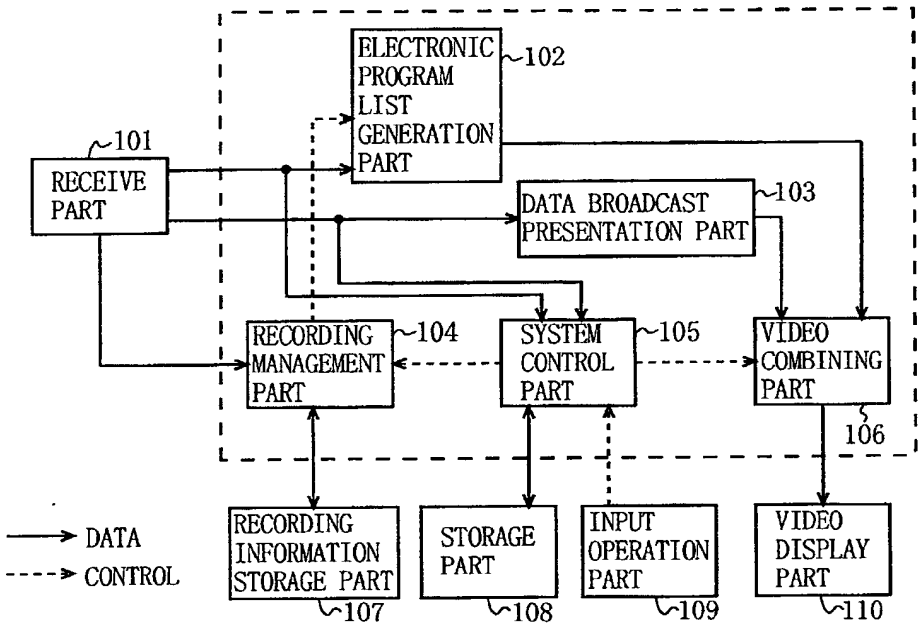

FIG. 2

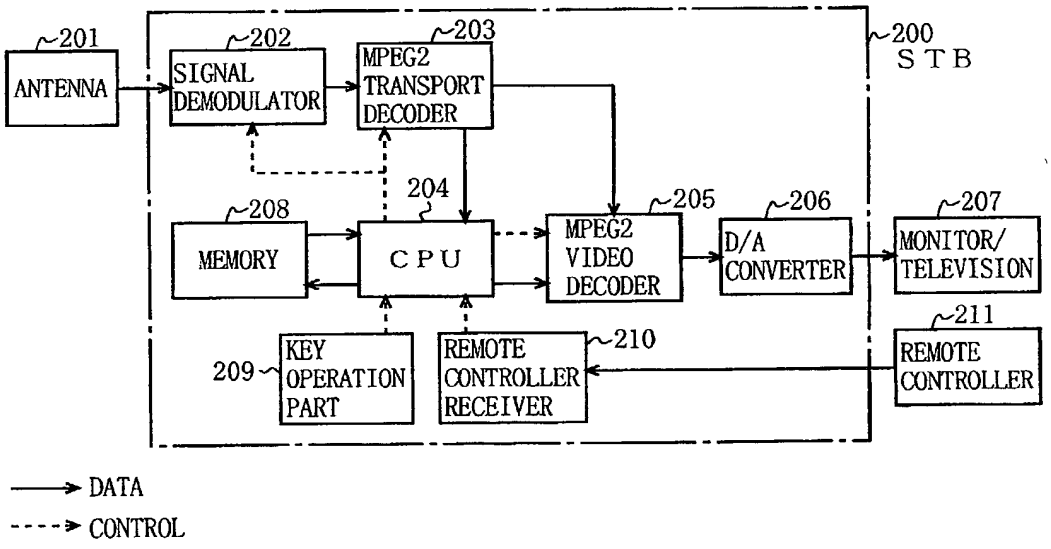

FIG. 3

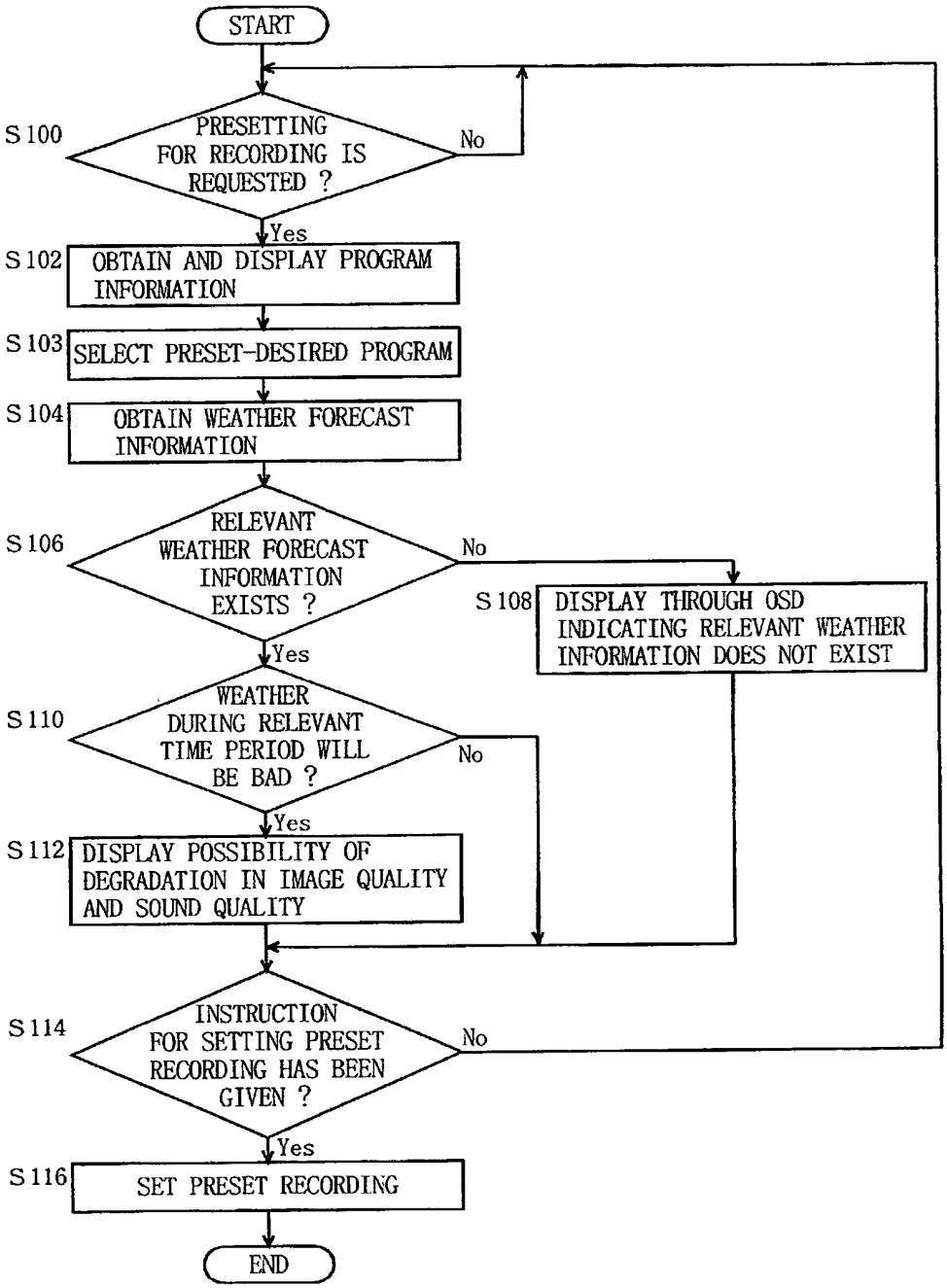
START
S100
PRESETTING FOR RECORDING IS REQUESTED ?
No
Yes
S102
OBTAIN AND DISPLAY PROGRAM INFORMATION
S103
SELECT PRESET-DESIRED PROGRAM
S104
OBTAIN WEATHER FORECAST INFORMATION
S106
RELEVANT WEATHER FORECAST INFORMATION EXISTS ?
No
S108
DISPLAY THROUGH OSD INDICATING RELEVANT WEATHER INFORMATION DOES NOT EXIST
Yes
S110
WEATHER DURING RELEVANT TIME PERIOD WILL BE BAD ?
No
Yes
S112
DISPLAY POSSIBILITY OF DEGRADATION IN IMAGE QUALITY AND SOUND QUALITY
S114
INSTRUCTION FOR SETTING PRESET RECORDING HAS BEEN GIVEN ?
No
Yes
S116
SET PRESET RECORDING
END

FIG. 4

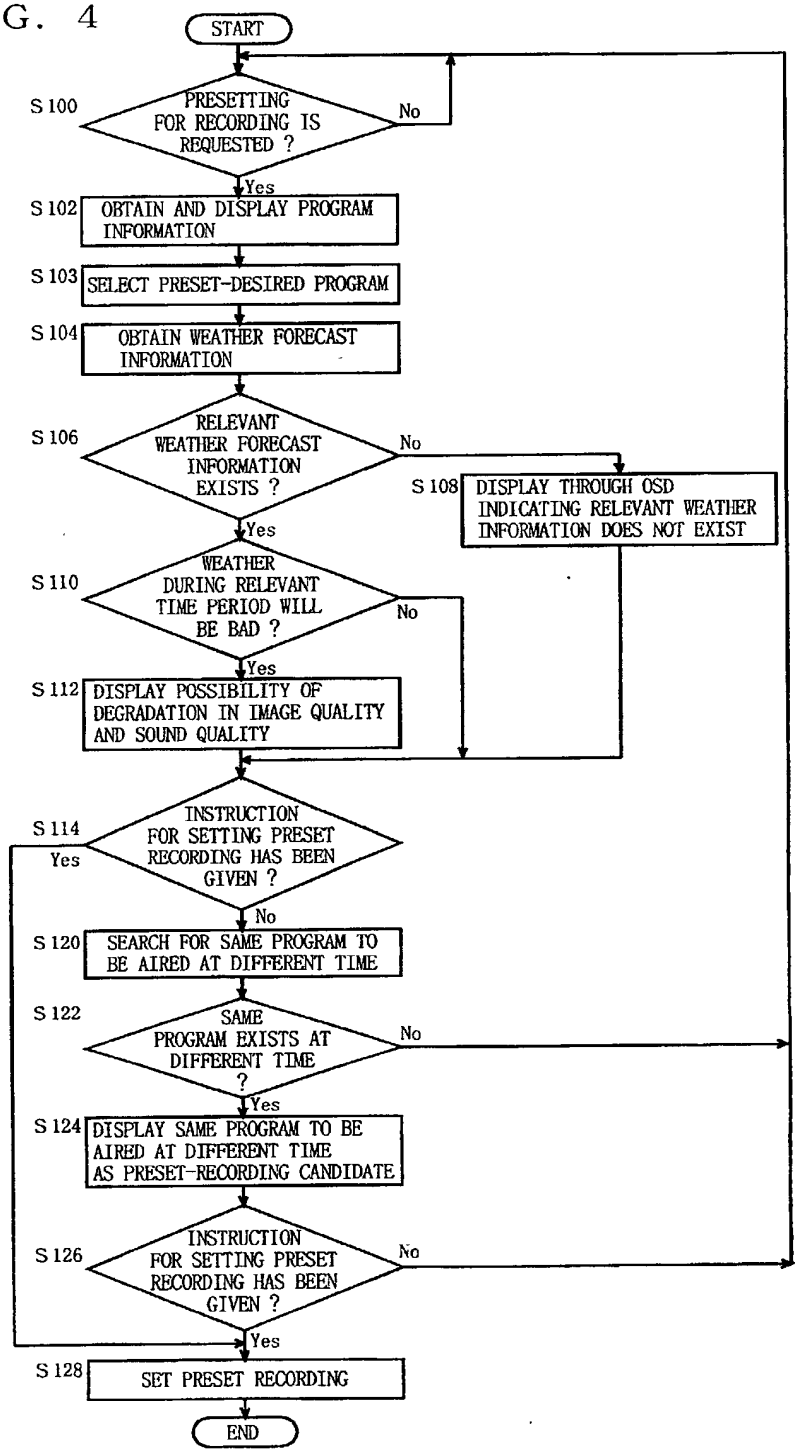
START
S 100
PRESETTING FOR RECORDING IS REQUESTED ?
No
Yes
S 102
OBTAIN AND DISPLAY PROGRAM INFORMATION
S 103
SELECT PRESET-DESIRED PROGRAM
S 104
OBTAIN WEATHER FORECAST INFORMATION
S 106
RELEVANT WEATHER FORECAST INFORMATION EXISTS ?
No
S 108
DISPLAY THROUGH OSD INDICATING RELEVANT WEATHER INFORMATION DOES NOT EXIST
Yes
S 110
WEATHER DURING RELEVANT TIME PERIOD WILL BE BAD ?
No
Yes
S 112
DISPLAY POSSIBILITY OF DEGRADATION IN IMAGE QUALITY AND SOUND QUALITY
S 114
INSTRUCTION FOR SETTING PRESET RECORDING HAS BEEN GIVEN ?
Yes
No
S 120
SEARCH FOR SAME PROGRAM TO BE AIRED AT DIFFERENT TIME
S 122
SAME PROGRAM EXISTS AT DIFFERENT TIME ?
No
Yes
S 124
DISPLAY SAME PROGRAM TO BE AIRED AT DIFFERENT TIME AS PRESET-RECORDING CANDIDATE
S 126
INSTRUCTION FOR SETTING PRESET RECORDING HAS BEEN GIVEN ?
No
Yes
S 128
SET PRESET RECORDING
END

FIG. 5

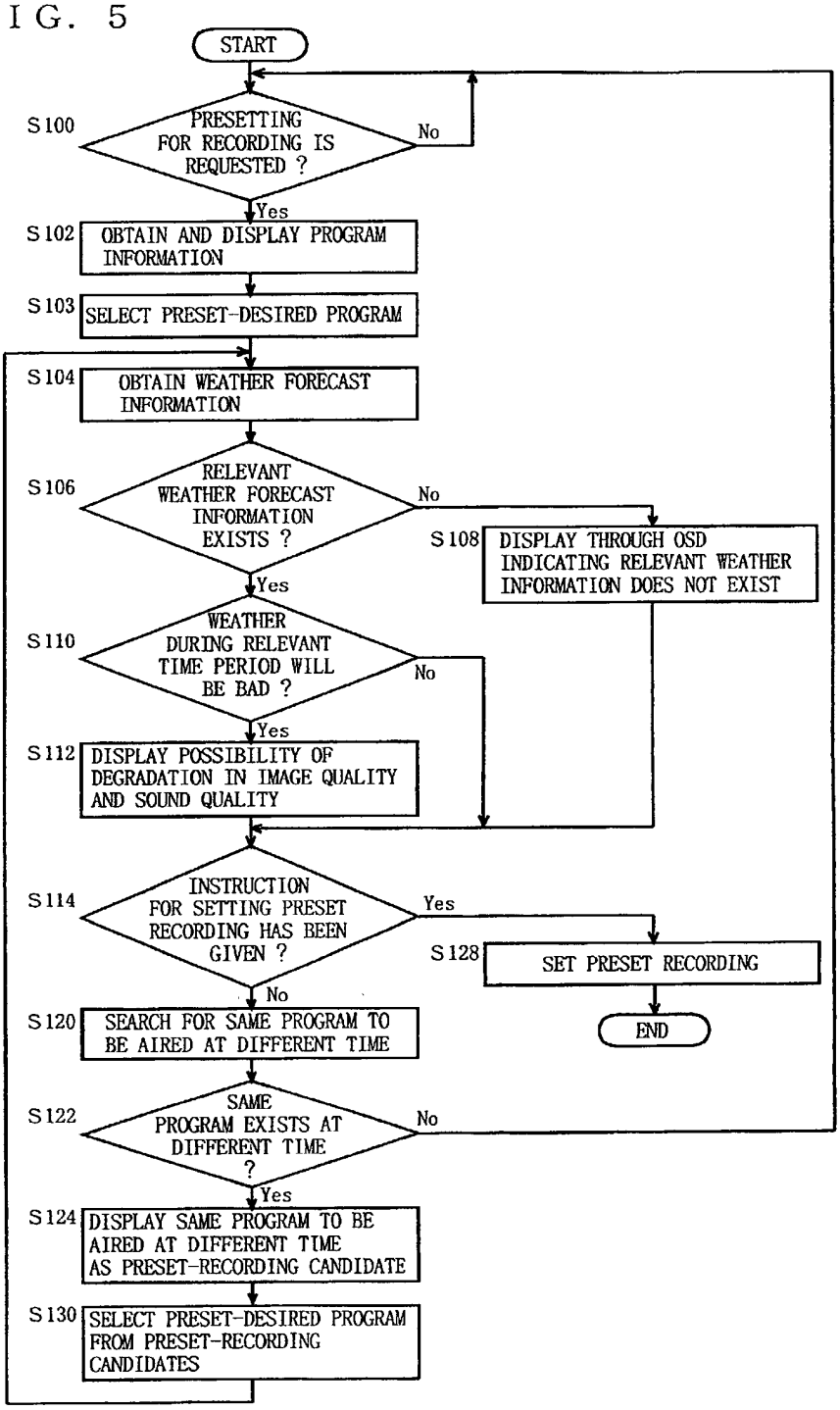

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FIG. 6

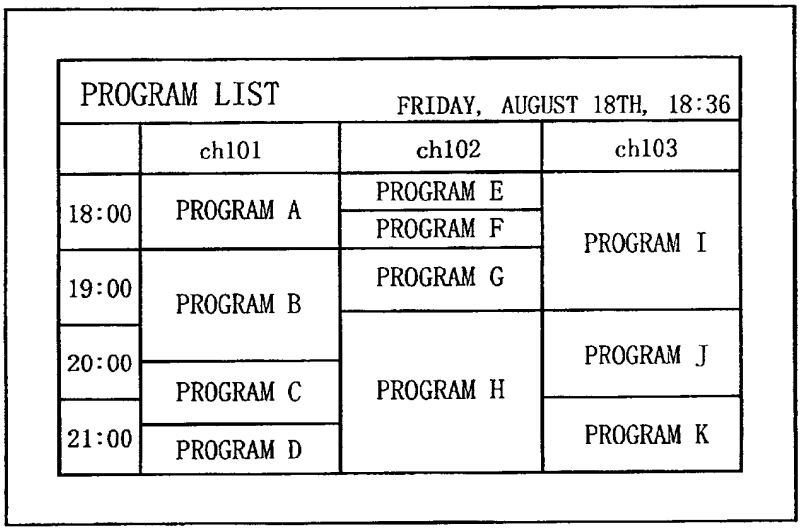
PROGRAM LIST
FRIDAY, AUGUST 18TH, 18:36
ch101
ch102
ch103
18:00
PROGRAM A
PROGRAM E
PROGRAM F
PROGRAM I
19:00
PROGRAM B
PROGRAM G
20:00
PROGRAM H
PROGRAM J
PROGRAM C
21:00
PROGRAM D
PROGRAM K

FIG. 7

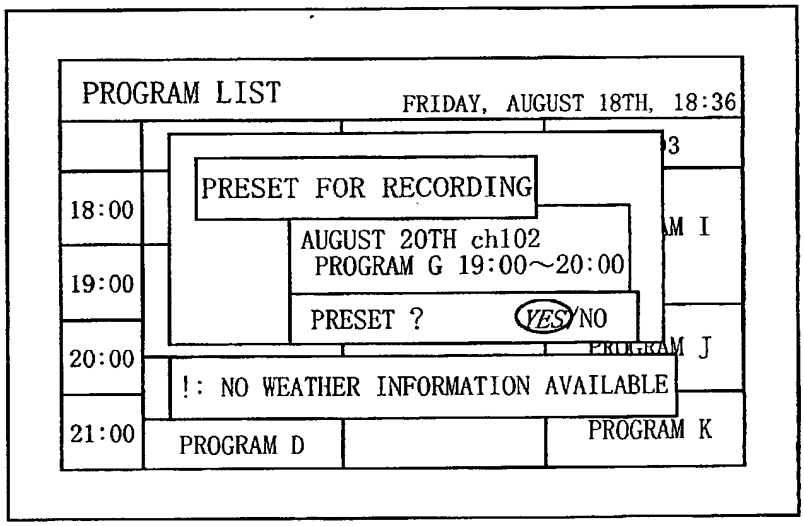
PROGRAM LIST
FRIDAY, AUGUST 18TH, 18:36
PRESET FOR RECORDING
AUGUST 20TH ch102
PROGRAM G 19:00~20:00
PRESET ?
YES
NO
!: NO WEATHER INFORMATION AVAILABLE
18:00
19:00
20:00
21:00
PROGRAM D
PROGRAM K

FIG. 8

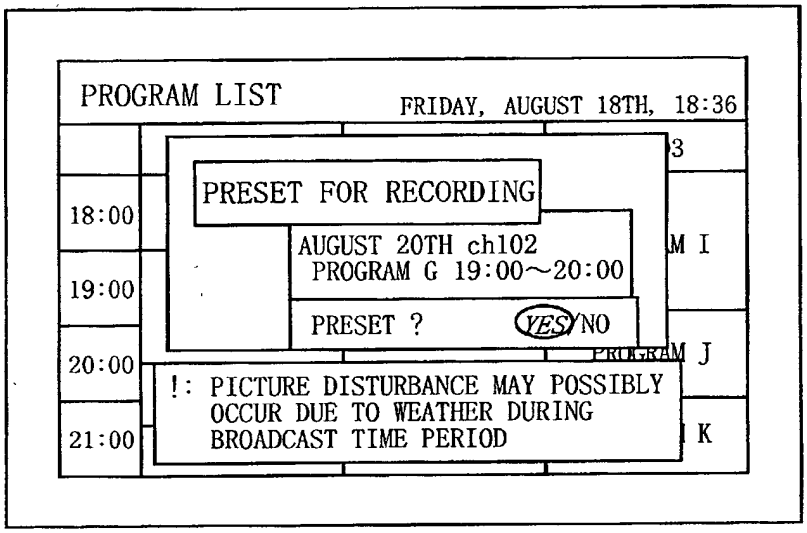
PROGRAM LIST
FRIDAY, AUGUST 18TH, 18:36
PRESET FOR RECORDING
AUGUST 20TH ch102
PROGRAM G 19:00～20:00
PRESET ? YES NO
!: PICTURE DISTURBANCE MAY POSSIBLY OCCUR DUE TO WEATHER DURING BROADCAST TIME PERIOD
18:00
19:00
20:00
21:00

FIG. 9

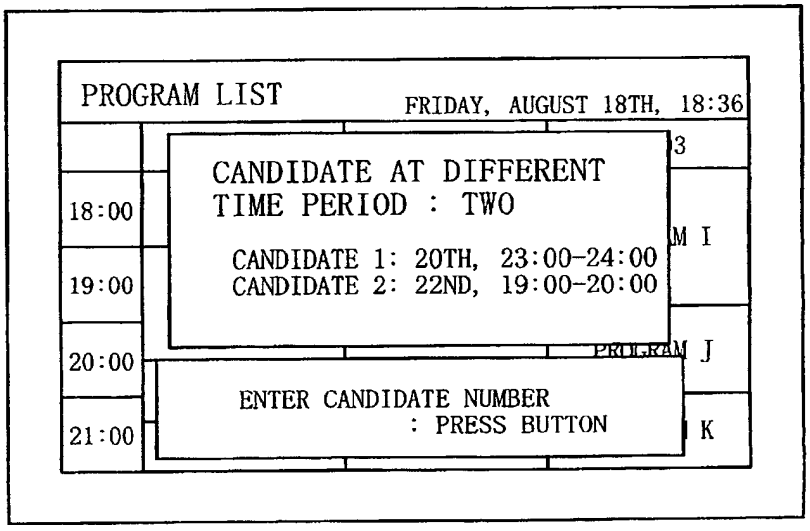
PROGRAM LIST
FRIDAY, AUGUST 18TH, 18:36
CANDIDATE AT DIFFERENT TIME PERIOD : TWO
CANDIDATE 1: 20TH, 23:00-24:00
CANDIDATE 2: 22ND, 19:00-20:00
ENTER CANDIDATE NUMBER
: PRESS BUTTON
18:00
19:00
20:00
21:00

FIG. 10

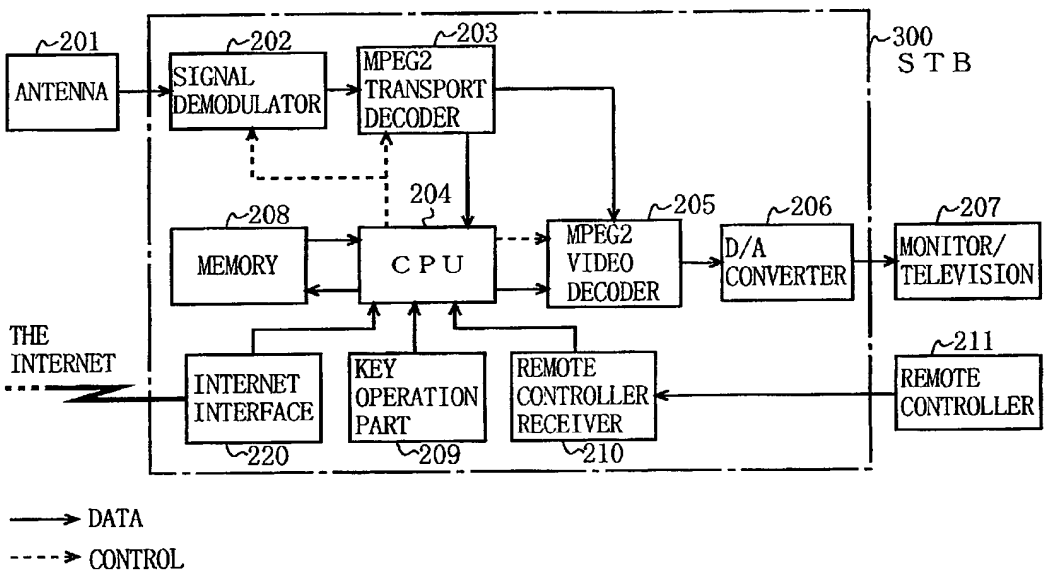

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FIG. 11

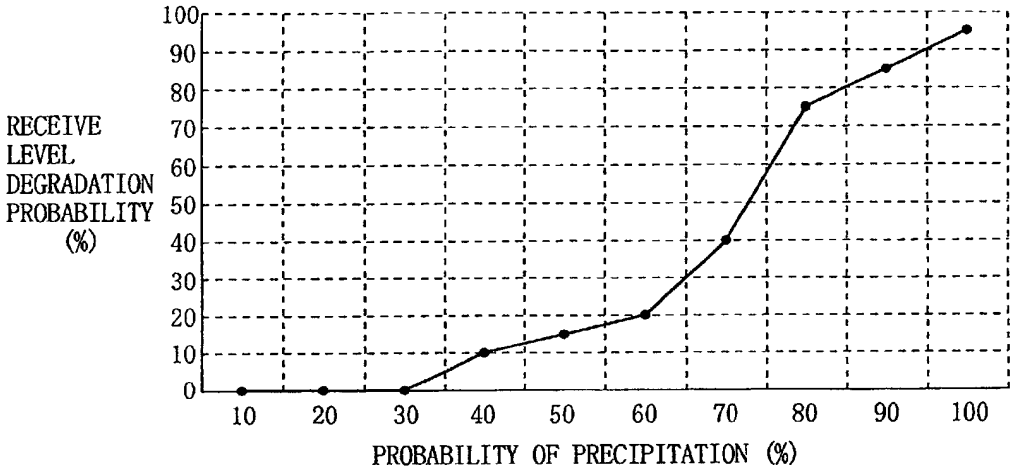
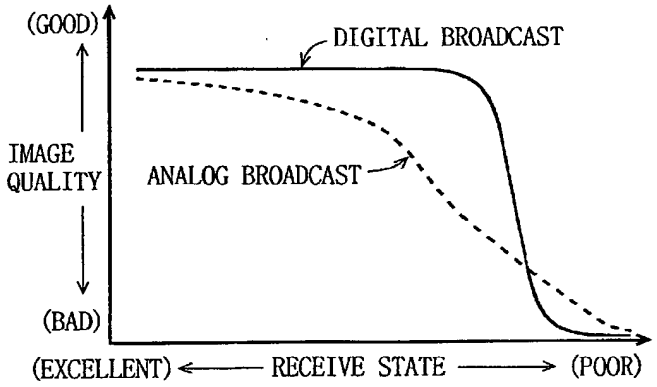

RECEIVE LEVEL DEGRADATION PROBABILITY (%)
100
90
80
70
60
50
40
30
20
10
0
10
20
30
40
50
60
70
80
90
100
PROBABILITY OF PRECIPITATION (%)

FIG. 12


(GOOD)
IMAGE QUALITY
(BAD)
DIGITAL BROADCAST
ANALOG BROADCAST
(EXCELLENT)
RECEIVE STATE
(POOR)